

RAW SEQUENCE LISTING

DATE: 03/18/2002

PATENT APPLICATION: US/09/813,775C

TIME: 15:26:57

Input Set : A:\GENENT.057CP2113001.txt

Output Set: N:\CRF3\03182002\I813775C.raw

```

107 <211> LENGTH: 585
108 <212> TYPE: DNA
109 <213> ORGANISM: Pan troglodytes
111 <400> SEQUENCE: 3
112 atgggggtgc acgaatgtcc tgccctggctg tggtttctcc tgtccctgct gtcgctccct      60
113 ctgggcctcc cagtcctggg cgccccacca cgctcatct gtgacagccg agtcctggag      120
114 aggtacctct tggaggccaa ggaggccgag aatatcacga cgggctgtgc cgaacactgc      180
115 agcttgaatg agaatatcac tgtcccagac accaaagtta atttctatgc ctggaagagg      240
116 atggaggtca ggcagcaggc cgtagaagtc tggcagggcc tggccctgct ctggaagct      300
117 gtcctgcggg gccaggccct gttggtcaac tcttcccagc cgtgggagcc cctgcagctg      360
118 catgtggata aagccgtcag tggccttcgc agcctcacca ctctgcttcg ggctctggga      420
119 gcccagaagg aagccatctc ccctccagat gcggcctcag ctgctccact ccgaacaatc      480
120 actgctgaca ctttccgcaa actcttccga gtctactcca atttccctcg gggaaagctg      540
121 aagctgtaca caggggaggg ctgcaggaca ggggacagat gacca                        585
123 <210> SEQ ID NO: 4
124 <211> LENGTH: 193
125 <212> TYPE: PRT
126 <213> ORGANISM: Homo sapiens
128 <400> SEQUENCE: 4
129 Met Gly Val His Glu Cys Pro Ala Trp Leu Trp Leu Leu Leu Ser Leu
130 1 5 10 15
131 Leu Ser Leu Pro Leu Gly Leu Pro Val Leu Gly Ala Pro Pro Arg Leu
132 20 25 30
133 Ile Cys Asp Ser Arg Val Leu Glu Arg Tyr Leu Leu Glu Ala Lys Glu
134 35 40 45
135 Ala Glu Asn Ile Thr Thr Gly Cys Ala Glu His Cys Ser Leu Asn Glu
136 50 55 60
137 Asn Ile Thr Val Pro Asp Thr Lys Val Asn Phe Tyr Ala Trp Lys Arg
138 65 70 75 80
139 Met Glu Val Gly Gln Gln Ala Val Glu Val Trp Gln Gly Leu Ala Leu
140 85 90 95
141 Leu Ser Glu Ala Val Leu Arg Gly Gln Ala Leu Leu Val Asn Ser Ser
142 100 105 110
143 Gln Pro Trp Glu Pro Leu Gln Leu His Val Asp Lys Ala Val Ser Gly
144 115 120 125
145 Leu Arg Ser Leu Thr Thr Leu Arg Ala Leu Gly Ala Gln Lys Glu
146 130 135 140
147 Ala Ile Ser Pro Pro Asp Ala Ala Ser Ala Ala Pro Leu Arg Thr Ile
148 145 150 155 160
149 Thr Ala Asp Thr Phe Arg Lys Leu Phe Arg Val Tyr Ser Asn Phe Leu
150 165 170 175
151 Arg Gly Lys Leu Lys Leu Tyr Thr Gly Glu Ala Cys Arg Thr Gly Asp
152 180 185 190
153 Arg
155 <210> SEQ ID NO: 5
156 <211> LENGTH: 193
157 <212> TYPE: PRT
158 <213> ORGANISM: Pan troglodytes
160 <400> SEQUENCE: 5

```

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```

161 Met Gly Val His Glu Cys Pro Ala Trp Leu Trp Leu Leu Ser Leu
162 1 5 10 15
163 Leu Ser Leu Pro Leu Gly Leu Pro Val Leu Gly Ala Pro Pro Arg Leu
164 20 25 30
165 Ile Cys Asp Ser Arg Val Leu Glu Arg Tyr Leu Leu Glu Ala Lys Glu
166 35 40 45
167 Ala Glu Asn Ile Thr Thr Gly Cys Ala Glu His Cys Ser Leu Asn Glu
168 50 55 60
169 Asn Ile Thr Val Pro Asp Thr Lys Val Asn Phe Tyr Ala Trp Lys Arg
170 65 70 75 80
171 Met Glu Val Arg Gln Gln Ala Val Glu Val Trp Gln Gly Leu Ala Leu
172 85 90 95
173 Leu Ser Glu Ala Val Leu Arg Gly Gln Ala Leu Leu Val Asn Ser Ser
174 100 105 110
175 Gln Pro Trp Glu Pro Leu Gln Leu His Val Asp Lys Ala Val Ser Gly
176 115 120 125
177 Leu Arg Ser Leu Thr Thr Leu Leu Arg Ala Leu Gly Ala Lys Lys Glu
178 130 135 140
179 Ala Ile Ser Pro Pro Asp Ala Ala Ser Ala Ala Pro Leu Arg Thr Ile
180 145 150 155 160
181 Thr Ala Asp Thr Phe Arg Lys Leu Phe Arg Val Tyr Ser Asn Phe Leu
182 165 170 175
183 Arg Gly Lys Leu Lys Leu Tyr Thr Gly Glu Ala Cys Arg Thr Gly Asp
184 180 185 190

```

185 Arg

187 <210> SEQ ID NO: 6

188 <211> LENGTH: 4

189 <212> TYPE: PRT

190 <213> ORGANISM: Pan troglodytes

192 <400> SEQUENCE: 6

193 Met Glu Val Arg

194 1

195 <210> SEQ ID NO: 7

196 <211> LENGTH: 4

197 <212> TYPE: PRT

198 <213> ORGANISM: Pan troglodytes

200 <220> FEATURE:

201 <221> NAME/KEY: UNSURE

202 <222> LOCATION: 2, 4

203 <223> OTHER INFORMATION: Xaa = unknown amino acid

205 <400> SEQUENCE: 7

W--> 206 Asn Xaa Ser Xaa

207 1

208 <210> SEQ ID NO: 8

209 <211> LENGTH: 4

210 <212> TYPE: PRT

211 <213> ORGANISM: Pan troglodytes

213 <220> FEATURE:

214 <221> NAME/KEY: UNSURE

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```

215 <222> LOCATION: 2, 4
216 <223> OTHER INFORMATION: Xaa = unknown amino acid
218 <400> SEQUENCE: 8
W--> 219 Asn Xaa Thr Xaa
220 1
221 <210> SEQ ID NO: 9
222 <211> LENGTH: 4
223 <212> TYPE: PRT
224 <213> ORGANISM: Pan troglodytes
226 <400> SEQUENCE: 9
227 Glu Val Arg Gln
228 1
229 <210> SEQ ID NO: 10
230 <211> LENGTH: 4
231 <212> TYPE: PRT
232 <213> ORGANISM: Pan troglodytes
234 <400> SEQUENCE: 10
235 Val Arg Gln Gln
236 1
237 <210> SEQ ID NO: 11
238 <211> LENGTH: 4
239 <212> TYPE: PRT
240 <213> ORGANISM: Pan troglodytes
242 <400> SEQUENCE: 11
243 Arg Gln Gln Ala
244 1
245 <210> SEQ ID NO: 12
246 <211> LENGTH: 18
247 <212> TYPE: DNA
248 <213> ORGANISM: Pan troglodytes
250 <400> SEQUENCE: 12
251 accgcgcccc ctggacag 18
253 <210> SEQ ID NO: 13
254 <211> LENGTH: 25
255 <212> TYPE: DNA
256 <213> ORGANISM: Pan troglodytes
258 <400> SEQUENCE: 13
259 catccacttc tccggccaaa ctcca 25
261 <210> SEQ ID NO: 14
262 <211> LENGTH: 21
263 <212> TYPE: DNA
264 <213> ORGANISM: Pan troglodytes
266 <400> SEQUENCE: 14
267 ttggccgga gaagtggatg c 21
269 <210> SEQ ID NO: 15
270 <211> LENGTH: 31
271 <212> TYPE: DNA
272 <213> ORGANISM: Pan troglodytes
274 <400> SEQUENCE: 15

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→ Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

DATE: 03/18/2002

PATENT APPLICATION: US/09/813,775C

TIME: 15:26:58

Input Set : A:\GENENT.057CP2113001.txt

Output Set: N:\CRF3\03182002\I813775C.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:41 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:61 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:310 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:343 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:376 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:409 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:442 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:475 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:508 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:541 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:574 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:607 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:640 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:673 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:706 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:739 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:772 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:805 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:842 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:879 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:916 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:953 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:990 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:1027 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1064 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:1138 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:1212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44
L:1249 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:1286 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:1323 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:1360 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:1397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49